

# Declaration and Power of Attorney For Patent Application

## 特許出願宣言書及び委任状

### Japanese Language Declaration

#### 日本語宣言書

下記の氏名の発明者として、私は以下の通り宣言します。

As a below named inventor, I hereby declare that:

私の住所、私書箱、国籍は下記の私の氏名の後に記載された通りです。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者（下記の氏名が一つの場合）もしくは最初かつ共同発明者であると（下記の名称が複数の場合）信じています。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

VERTICALLY-ALLIGNED (VA) LIQUID

CRYSTAL DISPLAY DEVICE

上記発明の明細書（下記の欄で印がついていない場合は、本書に添付）は、

the specification of which is attached hereto unless the following box is checked:

☐ 月 日に提出され、米国出願番号または特許協定条約国際出願番号を \_\_\_\_\_ とし、  
（該当する場合） \_\_\_\_\_ に訂正されました。

☒ was filed on June 12, 1998  
as United States Application Number or  
PCT International Application Number  
\_\_\_\_\_ and was amended on  
\_\_\_\_\_ (if applicable).

私は、特許請求範囲を含む上記訂正後の明細書を検討し、内容を理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第37編第1条56項に定議されるとおり、特許資格の有無について重要な情報を開示する義務があることを認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

**Japanese Language Declaration**  
(日本語宣言書)

私は、米国法典第35編119条(a)-(d)項又は365条(b)項に基き下記の、米国以外の国の少なくとも一カ国を指定している特許協力条約365(a)項に基づく国際出願、又は外国での特許出願もしくは発明者証の出願についての外国優先権をここに主張するとともに、優先権を主張している、本出願の前に出願された特許または発明者証の外国出願を以下に、特内をマークすることで、示しています。

**Prior Foreign Application(s)**

外国での先行出願

<u>9-155437</u>	<u>Japan</u>
(Number)	(Country)
(番号)	(国名)
<u>9-230982</u>	<u>Japan</u>
(Number)	(Country)
(番号)	(国名)
<u>9-230991</u>	<u>Japan</u>
(Number)	(Country)
(番号)	(国名)
<u>9-266937</u>	<u>Japan</u>
(Number)	(Country)
(番号)	(国名)
<u>9-361384</u>	<u>Japan</u>
(Number)	(Country)
(番号)	(国名)
(all of Pat. Applns.)	
(Number)	(Country)
(番号)	(国名)

私は、第35編米国法典119条(e)項に基いて下記の米国特許出願規定に記載された権利をここに主張いたします。

<u>                    </u>	<u>                    </u>
(Application No.)	(Filing Date)
(出願番号)	(出願日)

私は、下記の米国法典第35編120条に基いて下記の米国特許出願に記載された権利、又は米国を指定している特許協力条約365条(c)に基づく権利をここに主張します。また、本出願の各請求範囲の内容が米国法典第35編112条第1項又は特許協力条約で規定された方法で先行する米国特許出願に開示されていない限り、その先行米国出願書提出日以降で本出願書の日本国内または特許協力条約国際提出日までの期間中に入手された、連邦規則法典第37編1条56項で定義された特許資格の有無に関する重要な情報について開示義務があることを認識しています。

<u>                    </u>	<u>                    </u>
(Application No.)	(Filing Date)
(出願番号)	(出願日)

<u>                    </u>	<u>                    </u>
(Application No.)	(Filing Date)
(出願番号)	(出願日)

私は、私自身の知識に基いて本宣言書中で私が行なう説明が真実であり、かつ私の入手した情報と私の信じることに基づく説明が全て真実であると信じていること、さらに故意になされた虚偽の説明及びそれと同等の行為は米国法典第18編第1001条に基き、罰金または拘禁、もしくはその両方により処罰されること、そしてそのような故意による虚偽の説明を行なえば、出願した、又は既に許可された特許の有効性が失われることを認識し、よってここに上記のごとく宣誓を致します。

I hereby claim foreign priority under Title 35, United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

**Priority Not Claimed**

優先権主張なし

<u>12/June/1997</u>	<input type="checkbox"/>
(Day/Month/Year Filed)	
(出願年月日)	
<u>27/August/1997</u>	<input type="checkbox"/>
(Day/Month/Year Filed)	
(出願年月日)	
<u>27/August/1997</u>	<input type="checkbox"/>
(Day/Month/Year Filed)	
(出願年月日)	
<u>30/September/1997</u>	<input type="checkbox"/>
(Day/Month/Year Filed)	
(出願年月日)	
<u>26/December/1997</u>	<input type="checkbox"/>
(Day/Month/Year Filed)	
(出願年月日)	
<u>                    </u>	<input type="checkbox"/>
(Day/Month/Year Filed)	
(出願年月日)	

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

<u>                    </u>	<u>                    </u>
(Application No.)	(Filing Date)
(出願番号)	(出願日)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.84 which became available between the filing date of the prior application and the national or PCT International filing date of application.

<u>                    </u>	<u>                    </u>
(Status: Patented, Pending, Abandoned)	
(現況: 特許許可済、係属中、放棄済)	

<u>                    </u>	<u>                    </u>
(Status: Patented, Pending, Abandoned)	
(現況: 特許許可済、係属中、放棄済)	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

# Japanese Language Declaration

委任状：私は、下記発明者として、以下の代理人をここに送任し、本願の手続を遂行すること並びにこれに関する一切の行いを特許商標庁に対して行うことを委任する。  
(代理人氏名および登録番号を明記のこと)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

## Attorney

## Req. No.

Patrick G. Burns	29,367
Roger D. Greer	26,174
Lawrence J. Crain	31,497
Christopher J. Reckamp	34,414
Steven P. Fallon	35,132

## 書類の送付先:

## Send Correspondence to:

Patrick G. Burns  
GREER, BURNS & CRAIN, LTD.  
Suite 8660 - Sears Tower  
233 South Wacker Drive  
Chicago, Illinois 60606

## 直通電話連絡先: (名称および電話番号)

## Direct Telephone Calls to: (name and telephone number)

Patrick G. Burns  
(312) 993-0080

唯一のまたは第一の発明者の氏名	Full name of sole or first inventor Arihiro Takeda	
同発明者の署名	日付	Inventor's signature <i>Arihiro Takeda</i> Date June 25, 1998
住所	Residence Kawasaki-shi, Kanagawa, Japan	
国籍	Citizenship Japanese	
郵便の宛先	Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan	
第2の共同発明者の氏名 (該当する場合)	Full name of second joint inventor, if any Katsufumi Ohmuro	
同第2発明者の署名	日付	Second inventor's signature <i>Katsufumi Ohmuro</i> Date June 25, 1998
住所	Residence Kawasaki-shi, Kanagawa, Japan	
国籍	Citizenship Japanese	
郵便の宛先	Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan	

... (第六またはそれ以降の共同発明者に対しても同様な情報および署名を提供すること。)

(Supply similar information and signature for third and subsequent joint inventors.)

第三共同発明者名	Full name of third joint inventor, if any
Yoshio Koike	
署名日付	Inventor's signature Date
Yoshio Koike June 25, 1998	
住所	Residence
Kawasaki-shi, Kanagawa, Japan	
国籍	Citizenship
Japanese	
私書箱	Post Office Address
c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan	

第四共同発明者	Full name of fourth joint inventor, if any
Shingo Kataoka	
署名日付	Inventor's signature Date
Shingo Kataoka June 25, 1998	
住所	Residence
Kawasaki-shi, Kanagawa, Japan	
国籍	Citizenship
Japanese	
私書箱	Post Office Address
c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan	

第五共同発明者名	Full name of fifth joint inventor, if any
Takahiro Sasaki	
署名日付	Inventor's signature Date
Takahiro Sasaki June 25, 1998	
住所	Residence
Kawasaki-shi, Kanagawa, Japan	
国籍	Citizenship
Japanese	
私書箱	Post Office Address
c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan	

第六共同発明者	Full name of sixth joint inventor, if any
Takashi Sasabayashi	
署名日付	Inventor's signature Date
Takashi Sasabayashi June 25, 1998	
住所	Residence
Kawasaki-shi, Kanagawa, Japan	
国籍	Citizenship
Japanese	
私書箱	Post Office Address
c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan	

(第三以降の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)

第七共同発明者名		Full name of seventh joint inventor, if any.	
Hideaki Tsuda			
第七共同発明者	日付	Inventor's signature	Date
		Hideaki Tsuda	June 25, 1998
住所	Residence		
	Kawasaki-shi, Kanagawa, Japan		
国籍	Citizenship		
	Japanese		
私書箱	Post Office Address		
	c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan		
第八共同発明者		Full name of eighth joint inventor, if any	
Hideo Chida			
第八共同発明者	日付	Inventor's signature	Date
		Hideo Chida	June 25, 1998
住所	Residence		
	Kawasaki-shi, Kanagawa, Japan		
国籍	Citizenship		
	Japanese		
私書箱	Post Office Address		
	c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan		
第九共同発明者名		Full name of ninth joint inventor, if any	
Makoto Ohashi			
第九共同発明者	日付	Inventor's signature	Date
		Makoto Ohashi	June 25, 1998
住所	Residence		
	Kawasaki-shi, Kanagawa, Japan		
国籍	Citizenship		
	Japanese		
私書箱	Post Office Address		
	c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan		
第十共同発明者		Full name of tenth joint inventor, if any	
Kenji Okamoto			
第十共同発明者	日付	Inventor's signature	Date
		Kenji Okamoto	June 25, 1998
住所	Residence		
	Kawasaki-shi, Kanagawa, Japan		
国籍	Citizenship		
	Japanese		
私書箱	Post Office Address		
	c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan		

(第三以降の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)

第十一共同発明者名		Full name of eleventh joint inventor, if any	
Hisashi Yamaguchi		Hisashi Yamaguchi	
日付	Inventor's signature	Date	
住所	Residence	June 25, 1998	
国籍	Citizenship	Kawasaki-shi, Kanagawa, Japan	
私書箱	Post Office Address	c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan	
第十二共同発明者		Full name of twelfth joint inventor, if any	
Minoru Otani		Minoru Otani	
日付	Inventor's signature	Date	
住所	Residence	June 25, 1998	
国籍	Citizenship	Kawasaki-shi, Kanagawa, Japan	
私書箱	Post Office Address	c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan	
第十三共同発明者名		Full name of thirteenth joint inventor, if any	
Makoto Morishige		Makoto Morishige	
日付	Inventor's signature	Date	
住所	Residence	June 25, 1998	
国籍	Citizenship	Kawasaki-shi, Kanagawa, Japan	
私書箱	Post Office Address	c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan	
第十四共同発明者		Full name of fourteenth joint inventor, if any	
Noriaki Furukawa		Noriaki Furukawa	
日付	Inventor's signature	Date	
住所	Residence	June 25, 1998	
国籍	Citizenship	Kawasaki-shi, Kanagawa, Japan	
私書箱	Post Office Address	c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan	

(第三以降の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)

第十五共同発明者名

Full name of fifteenth joint inventor, if any:

Tsuyoshi Kamada

署名

日付

Inventor's signature

Date

*Tsuyoshi Kamada* June 25, 1998

住所

Residence

Kawasaki-shi, Kanagawa, Japan

国籍

Citizenship

Japanese

私書箱

Post Office Address

c/o FUJITSU LIMITED, 1-1,  
Kamikodanaka 4-chome, Nakahara-ku,  
Kawasaki-shi, Kanagawa 211-8588, Japan

第十六共同発明者名

Full name of sixteenth joint inventor, if any:

Yoshinori Tanaka

署名

日付

Inventor's signature

Date

*Yoshinori Tanaka* June 25, 1998

住所

Residence

Kawasaki-shi, Kanagawa, Japan

国籍

Citizenship

Japanese

私書箱

Post Office Address

c/o FUJITSU LIMITED, 1-1,  
Kamikodanaka 4-chome, Nakahara-ku,  
Kawasaki-shi, Kanagawa 211-8588, Japan

第十七共同発明者名

Full name of seventeenth joint inventor, if any:

Atsuyuki Hoshino

署名

日付

Inventor's signature

Date

*ATSUYUKI HOSHINO* June 25, 1998

住所

Residence

Kawasaki-shi, Kanagawa, Japan

国籍

Citizenship

Japanese

私書箱

Post Office Address

c/o FUJITSU LIMITED, 1-1,  
Kamikodanaka 4-chome, Nakahara-ku,  
Kawasaki-shi, Kanagawa 211-8588, Japan

第十八共同発明者名

Full name of eighteenth joint inventor, if any:

Shougo Hayashi

署名

日付

Inventor's signature

Date

*Shougo Hayashi* June 25, 1998

住所

Residence

Kawasaki-shi, Kanagawa, Japan

国籍

Citizenship

Japanese

私書箱

Post Office Address

C/o FUJITSU LIMITED, 1-1,  
Kamikodanaka 4-chome, Nakahara-ku,  
Kawasaki-shi, Kanagawa 211-8588, Japan

(第三以降の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)

第19号共同発明者名		Full name of nineteenth joint inventor, if any: Hideaki Takizawa	
第19号共同発明者	日付	Inventor's signature <i>Hideaki Takizawa</i>	Date June 25, 1998
住所	Residence Kawasaki-shi, Kanagawa, Japan		
国籍	Citizenship Japanese		
私書箱	Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan		
第20号共同発明者		Full name of twentieth joint inventor, if any: Takeshi Kinjou	
第20号共同発明者	日付	Inventor's signature <i>Takeshi Kinjou</i>	Date June 25, 1998
住所	Residence Kawasaki-shi, Kanagawa, Japan		
国籍	Citizenship Japanese		
私書箱	Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan		
第21号共同発明者名		Full name of twenty-first joint inventor, if any: Makoto Tachibanaki	
第21号共同発明者	日付	Inventor's signature <i>Makoto Tachibanaki</i>	Date June 25, 1998
住所	Residence Kawasaki-shi, Kanagawa, Japan		
国籍	Citizenship Japanese		
私書箱	Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan		
第22号共同発明者		Full name of twenty-second joint inventor, if any: Keiji Imoto	
第22号共同発明者	日付	Inventor's signature <i>Keiji Imoto</i>	Date June 25, 1998
住所	Residence Kawasaki-shi, Kanagawa, Japan		
国籍	Citizenship Japanese		
私書箱	Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan		

(第三以降の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)



第二十三共同発明者名		Full name of twenty-third joint inventor, if any:	
第二十三共同発明者 日付		Tadashi Hasegawa	
住所	Inventor's signature	Date	
	Tadashi Hasegawa	June 25, 1998	
国籍	Residence	Kawasaki-shi, Kanagawa, Japan	
私書箱	Citizenship	Japanese	
	Post Office Address	c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan	
第二十四共同発明者		Full name of twenty-fourth joint inventor, if any:	
第二十四共同発明者 日付		Hidefumi Yoshida	
住所	Inventor's signature	Date	
	H. Yoshida	June 25, 1998	
国籍	Residence	Kawasaki-shi, Kanagawa, Japan	
私書箱	Citizenship	Japanese	
	Post Office Address	c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan	
第二十五共同発明者名		Full name of twenty-fifth joint inventor, if any:	
第二十五共同発明者 日付		Hiroyasu Inoue	
住所	Inventor's signature	Date	
	Hiroyasu Inoue	June 25, 1998	
国籍	Residence	Kawasaki-shi, Kanagawa, Japan	
私書箱	Citizenship	Japanese	
	Post Office Address	c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan	

第26共同発明者名		Full name of twenty-sixth joint inventor, if any:	
ヨジ 大田 啓子		Yoji Taniguchi	
日付	発明者署名	Date	
	ヨジ 大田 啓子	June 25, 1998	
住所	Residence		
	Kawasaki-shi, Kanagawa, Japan		
国籍	Citizenship		
	Japanese		
私書箱	Post Office Address		
	C/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan		
第27共同発明者		Full name of twenty-seventh joint inventor, if any:	
テツヤ 藤川		Tetsuya Fujikawa	
日付	発明者署名	Date	
	テツヤ 藤川	June 25, 1998	
住所	Residence		
	Kawasaki-shi, Kanagawa, Japan		
国籍	Citizenship		
	Japanese		
私書箱	Post Office Address		
	C/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan		
第28共同発明者名		Full name of twenty-eighth joint inventor, if any:	
サトシ 村田		Satoshi Murata	
日付	発明者署名	Date	
	サトシ 村田	June 25, 1998	
住所	Residence		
	Kawasaki-shi, Kanagawa, Japan		
国籍	Citizenship		
	Japanese		
私書箱	Post Office Address		
	C/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan		
第29共同発明者		Full name of twenty-ninth joint inventor, if any:	
マナブ 澤崎		Manabu Sawasaki	
日付	発明者署名	Date	
	マナブ 澤崎	June 25, 1998	
住所	Residence		
	Kawasaki-shi, Kanagawa, Japan		
国籍	Citizenship		
	Japanese		
私書箱	Post Office Address		
	C/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan		

(第三以降の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)

第三十共同発明者名		Full name of thirtieth joint inventor, if any:	
Tanonori Tanose		Tomonori Tanose	
第三十共同発明者	日付	Inventor's signature	Date
		T. Tanose	June 25, 1998
住所	Residence		
	Yonago-shi, Tottori, Japan		
国籍	Citizenship		
	Japanese		
私書箱	Post Office Address		
	c/o YONAGO FUJITSU LIMITED, 650, Aza Otsukanoni, Sekishu-fu, Yonago-shi, Tottori 689-3524, Japan		
第三十一共同発明者		Full name of thirty-first joint inventor, if any:	
Siro Hirota		Siro Hirota	
第三十一共同発明者	日付	Inventor's signature	Date
		Siro Hirota	June 25, 1998
住所	Residence		
	Kawasaki-shi, Kanagawa, Japan		
国籍	Citizenship		
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私書箱	Post Office Address		
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第三十二共同発明者名		Full name of thirty-second joint inventor, if any:	
Masahiro Ikeda		Masahiro Ikeda	
第三十二共同発明者	日付	Inventor's signature	Date
		Masahiro Ikeda	June 25, 1998
住所	Residence		
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国籍	Citizenship		
	Japanese		
私書箱	Post Office Address		
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第三十三共同発明者		Full name of thirty-third joint inventor, if any:	
Kunihiro Tashiro		Kunihiro Tashiro	
第三十三共同発明者	日付	Inventor's signature	Date
		Kunihiro Tashiro	June 25, 1998
住所	Residence		
	Kawasaki-shi, Kanagawa, Japan		
国籍	Citizenship		
	Japanese		
私書箱	Post Office Address		
	c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan		

(第三以上の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)

第三十四共同発明者名		Full name of thirty-fourth joint inventor, if any:	
Kouji Tsukao		Date	
署名	日付	Signature	Date
		Kouji Tsukao	June 25, 1998
住所		Residence	
		Yonago-shi, Tottori, Japan	
国籍		Citizenship	
		Japanese	
住所		Post Office Address	
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		650, Aza Otsukanoni, Sekishu-fu,	
		Yonago-shi, Tottori 689-3524, Japan	
第三十五共同発明者名		Full name of thirty-fifth joint inventor, if any:	
Yasutoshi Tasaka		Date	
署名	日付	Signature	Date
		Yasutoshi Tasaka	June 25, 1998
住所		Residence	
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国籍		Citizenship	
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住所		Post Office Address	
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		Kawasaki-shi, Kanagawa 211-8588, Japan	
第三十六共同発明者名		Full name of thirty-sixth joint inventor, if any:	
Takatoshi Mayama		Date	
署名	日付	Signature	Date
		Takatoshi Mayama	June 25, 1998
住所		Residence	
		Kawasaki-shi, Kanagawa, Japan	
国籍		Citizenship	
		Japanese	
住所		Post Office Address	
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		Kawasaki-shi, Kanagawa 211-8588, Japan	
第三十七共同発明者名		Full name of thirty-seventh joint inventor, if any:	
Seiji Tanuma		Date	
署名	日付	Signature	Date
		Seiji Tanuma	June 25, 1998
住所		Residence	
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国籍		Citizenship	
		Japanese	
住所		Post Office Address	
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		Kamikodanaka 4-chome, Nakahara-ku,	
		Kawasaki-shi, Kanagawa 211-8588, Japan	

(第三十八の共同発明者についても同様に記載し、署名すること)

(Supply similar information and signature for third and subsequent joint inventors.)

第三十八共同発明者名		Full name of thirty-eighth joint inventor, if any:	
Yohei Nakanishi			
署名	日付	Inventor's signature	Date
Yohei Nakanishi	June 25, 1998		
住所	Residence		
Kawasaki-shi, Kanagawa, Japan			
国籍	Citizenship		
Japanese			
郵便先	Post Office Address		
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第三十九共同発明者		Full name of thirty-ninth joint inventor, if any:	
署名	日付	Inventor's signature	Date
住所	Residence		
国籍	Citizenship		
郵便先	Post Office Address		
第四十共同発明者名		Full name of fortieth joint inventor, if any:	
署名	日付	Inventor's signature	Date
住所	Residence		
国籍	Citizenship		
郵便先	Post Office Address		

2802-62444

IN THE UN

STATES PATENT AND TRADEM

TENT APPLICATION

OFFICE

In Re U.S. Patent Applica

Applicants: Takeda et al.

Serial No. 09/097,027

Filed: June 12, 1998

For: VERTICALLY-ALLIGNED (VA)  
LIQUID CRYSTAL DISPLAY  
DEVICE

Examiner:

Art Unit: 2871

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Appr. February 20, 1998

Registration No.

37,538

Attorney for Applicant

ASSOCIATE POWER OF ATTORNEY

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

The undersigned attorney of record in the above-identified patent application hereby  
appoints,

Paul G. Juettner	Registration No. 30,270
Thomas R. Juettner	Registration No. 16,158
James K. Folker	Registration No. 37,538
Jonathan D. Feuchtwang	Registration No. 41,017
B. Joe Kim	Registration No. 41,895
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as associate attorneys in said application to prosecute said application and to transact all business in  
the Patent and Trademark Office connected therewith, and requests that all correspondence continue  
to be directed to the undersigned at the address of record, indicated below:

Respectfully submitted,  
GREER, BURNS & CRAIN, LTD.

By

Patrick G. Burns

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August 18, 2000  
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